

DETAILED ACTION

This office action is responsive to the “Notice of Appeal” received on 4/17/2008.

Claims 45-62, 67, and 70-73 remain pending.

Response to Arguments

Applicant’s arguments, see “Remarks”, filed 4/17/2008, with respect to claims 45-62, 67, and 70-73 have been fully considered and are persuasive. The rejection(s) of claims 45-62, 67, and 70-73 has been withdrawn.

EXAMINER’S AMENDMENT

An examiner’s amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner’s amendment was given in a telephone interview with Ms. Karen G. Hazzah on 8/27/2008.

The application has been amended as follows:

45. (Currently Amended) A method for encrypting multi-media data flow packets, comprising the steps of:

receiving a series of multi-media data flow packets;

storing the series of multi-media data flow packets in a jitter buffer;

pseudo-randomly shuffling a destination address of each of the multi-media data flow packets;

re-sequencing the series of multi-media data flow packets into a pseudo-random order; and

transmitting each multi-media data flow packet in the re-sequenced series in the re-sequenced order.

50. (Cancelled)

51. (Currently Amended) The method of claim 50 45, wherein said destination address is a destination port address ~~of said second end point~~.

52. (Currently Amended) A computer readable storage medium having a program for encrypting multi-media data flow packets, the program ~~for~~ performing the steps of:

receiving a series of multi-media data flow packets;

storing the series of multi-media data flow packets in a jitter buffer;

pseudo-randomly shuffling a destination address of each of the multi-media data flow packets;

re-sequencing the series of multi-media data flow packets into a pseudo-random order; and

transmitting each multi-media data flow packet in the re-sequenced series in the re-sequenced order.

57. (Cancelled)

58. (Currently Amended) The computer readable storage medium of claim 57 52, wherein said destination address is a destination port address ~~of said second end point~~.

59. (Currently Amended) A system for encrypting muli-media data flow packets, comprising:

a transceiver;

software defining functions to be performed by the system; and

a processor configured by said software to perform the steps of:

receiving a series of multi-media data flow packets;

storing the series of multi-media data flow packets in a jitter buffer;

pseudo-randomly shuffling a destination address of each of the multi-media data flow packets;

re-sequencing the series of multi-media data flow packets into a pseudo-random order; and

transmitting each multi-media data flow packet in the re-sequenced series in the re-sequenced order.

61. (Cancelled)

62. (Currently Amended) The system of claim 61 59, wherein said destination address is a destination port address ~~of said second end point~~.

Allowable Subject Matter

Claims 45-49, 51-56, 58-60, 62, 67, and 70-73 are allowed.

The following is an examiner's statement of reasons for allowance:

Prior arts of record, alone or in combination, fail to disclose "re-sequencing the series of multi-media data flow packets into a pseudo-random order by pseudo-randomly shuffling a destination address of each of the multi-media data flow packets and transmitting each multi-media data flow packet in the re-sequenced series in the re-sequenced order" as it was correctly argued in Applicant's Remarks communicated to the office on 4/17/2008 with respect to Normile reference.

The closest prior art of record, Makansi, discloses a method for transmitting a message as packets over a network in random order (col. 5, lines 50-67 and col. 6, lines 1-25). However, Makansi does not disclose re-sequencing the series of multi-media data flow packets into a pseudo-random order by pseudo-randomly shuffling a destination address of each of the multi-media data flow packets.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AREZOO SHERKAT whose telephone number is (571)272-3796. The examiner can normally be reached on 8:00-4:30 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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August 27, 2008
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